

High Power

# SEN Louvre CC 033 Fixture Guide



Indoor/Outdoor | Surface | Max output up to 3070lm/m (936lm/ft)

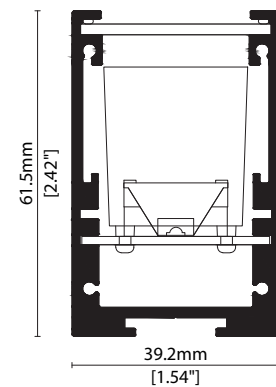


## Key applications

- ✓ Backlighting/Signage
- ✓ Building façades
- ✓ Ceiling
- ✓ Downlighting
- ✓ Flood lighting
- ✓ Interior/Exterior
- ✓ Office lighting
- ✓ Public spaces
- ✓ Wall grazing

## Key features

- ✓ Custom lengths
- ✓ Diffusion: Spotting
- ✓ Direct view
- ✓ Form factor: Large
- ✓ IP54
- ✓ IP67
- ✓ Lensed
- ✓ Output max



## MOUNTING METHODS



KKBK-02 Fixed bracket



KKBK-09 Mounting plate



KKBK-16 Small adjustable bracket



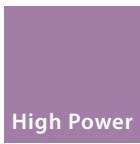
KKBK-17 Large adjustable bracket



KKBK-23 Low adjustable bracket



KKSU-05 Quick release suspension wire kit



# SEN Louvre CC 033

## Specification sheet



<b>Dimension</b>	H61.5/W39.2/L210-1210mm (H2.42/W1.54/L8.27-47.64in)
<b>PCB increment</b>	100mm (3.94in)
<b>LED pitch</b>	33mm - 30LED/m (1.30in - 9.1LED/ft)
<b>Chip</b>	<b>hcc-line</b> CREE/Lumileds
<b>Beam angle</b>	10°/20°/30°
<b>Colours</b>	<b>hcc-line</b> White: 2700K/3000K/3500K/4000K/5000K <b>hcc-line</b> Single colours: Red/Green/Blue
<b>Bin/Step</b>	<b>hcc-line</b> 3-step MacAdam Ellipse
<b>CRI</b>	80 (2700K-4000K)/75 (5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	350mA: $T_a = -25$ to $75^\circ\text{C}$ ( $T_c \text{ max} = 87.6^\circ\text{C}$ ) $T_a = -13$ to $167^\circ\text{F}$ ( $T_c \text{ max} = 189.7^\circ\text{F}$ ) 700mA: $T_a = -25$ to $45^\circ\text{C}$ ( $T_c \text{ max} = 67.5^\circ\text{C}$ ) $T_a = -13$ to $113^\circ\text{F}$ ( $T_c \text{ max} = 153.3^\circ\text{F}$ )
<b>IP rating</b>	IP54/67
<b>Finish</b>	Silver anodised
<b>Cover/lens</b>	Clear
<b>Mounting</b>	Surface mounting via brackets
<b>Power feed</b>	Sheathed hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI via. External power supply options



### LED Grading Key

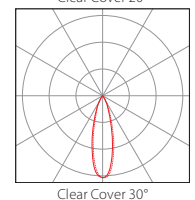
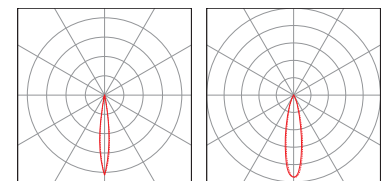
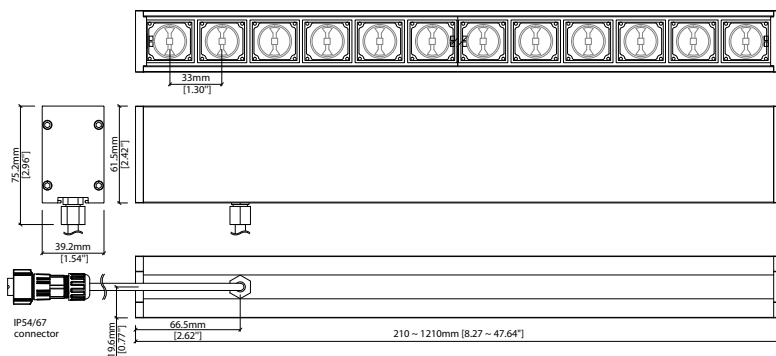
#### Exclusive Grade

<b>hcc-line*</b>	*KKDC tuned CCT range
Constant Current Lensed	CCT range
High Power LED	
3-step CCT range	

### PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
TYP. 32.025W/m (9.76W/ft) @ 350mA	TYP. 91.5V/m (27.9V/ft) @ 350mA	0.35/0.7A/m (0.107/0.213A/ft)
TYP. 69.3W/m (21.12W/ft) @ 700mA	TYP. 99.0V/m (30.2V/ft) @ 700mA	

	Clear Cover 10°	Clear Cover 20°	Clear Cover 30°	CRI	R9	Rf	Rg
<b>hcc-line</b>	1958lm/m (597lm/ft) 61.1 lm/W @ 3000K, 350mA	1849lm/m (564lm/ft) 57.7lm/W @ 3000K, 350mA	1464lm/m (446lm/ft) 45.7lm/W @ 3000K, 350mA	-	-	-	-
	3070lm/m (936lm/ft) 44.3lm/W @ 3000K, 700mA	2901lm/m (884lm/ft) 41.9lm/W @ 3000K, 700mA	2297lm/m (700lm/ft) 33.1lm/W @ 3000K, 700mA	-	-	-	-



— C0 / C180      cd / 1000 lm      - - - C90 / C270

Data derived from independent UKAS/IESNA LM-79-08 accredited testing of production samples.



# SEN Louvre CC 033

## Code Table



### FIXTURE

Model	Finish	Cover	Grade <sup>1</sup>	LED	Colour (CCT)	Length Availability <sup>2</sup>	IP	Cable Length	Power Feed <sup>3</sup>	Cable Exit <sup>4</sup>	Lens	Input								
SEN Louvre	SV Silver Anodised	SA Clear B	h <sup>cc</sup> h	L33	2700K	27	m	210-1210mm 100mm increments	IP54	54	1000mm /39.37"	1000	Single ø6.3mm sheath tail	S00B	Rear Cable Exit	RC	10°	10	Constant current (DC)	a
					3000K	30														
					3500K	35	i	8.27-47.64in 3.94in increments	IP67 <sup>5</sup>	67	Double ø6.3mm sheath tail	D00B		Side Cable Exit <sup>7</sup>	SC	30°	30			
					4000K	40														
					5000K	50	(Specify length code OR total run length)		Single ø6.3mm sheath IP67 connector <sup>6</sup>	S67B										
					RED	RED	Double ø6.3mm sheath IP67 connector <sup>6</sup>	D67B												
					GREEN	GRN														
						BLUE	BLU													

<sup>1</sup> Refer to LED Grading Key on Specification sheet page

<sup>2</sup> Refer to Length Availability List or enter total run length instead of length code

<sup>3</sup> Refer to Power Feed Options on Options pages

<sup>4</sup> Refer to Cable Exit Options on Options pages

<sup>5</sup> Due to the clear, flush potted polyurethane top layer on IP67 SEN a colour shift of +/-20K should be expected

<sup>6</sup> IP67 connectors are used for both IP67 and IP54 product housings

<sup>7</sup> Low adjustable bracket needs side cable exit option

### Code Example:

SV	-	SA	-	B	-	h <sup>cc</sup>	-	L33	-	30	-	m	1210	-	54	-	1000	-	D00B	-	RC	-	30	-	a
SEN Louvre		Silver Anodised		Clear		h <sup>cc</sup>		033		3000K		1210mm		IP54		1000mm/39.37"		Double ø6.3mm sheath tail		Rear Cable Exit		30°		Constant current (DC)	

### ACCESSORIES

#### Mounting Accessories

KKBK-02	Fixed bracket
KKBK-09	Mounting plate
KKBK-16	Small adjustable bracket
KKBK-17	Large adjustable bracket
KKBK-23	Low adjustable bracket
KKSW-05	Quick release suspension kit

\* Refer to Mounting accessories on Accessories pages

#### Exterior Junction Boxes

KKJB-07	IP67 Slim J-Box
KKJB-07R	Potting Resin for IP67 Slim J-Box

\* Refer to Exterior Junction Boxes on Accessories pages

#### PSU/Driver

0-10V/1-10V/DALI/DMX via External power supply options

\* Refer to Driver/PSU Options page for details or provide requirement and KKDC to offer the suitable option

### LED ENGINE VARIANTS (LED STRIP TYPE)

Colour	Output	LED	Lumen/m	Lumen/ft	W/m	W/ft	Spec Doc	Length	Increment
Single CCT	Max	033	3070	936	69.3	21.12	SEN Louvre CC 033	210-1210mm (8.27-47.64in)	100mm (3.94in)
	Max	050	2107	642	46.2	14.08	SEN Louvre CC 050	210-1210mm (8.27-47.64in)	100mm (3.94in)
	High	100	1063	362	23.1	7.04	SEN Louvre CC 100	210-1210mm (8.27-47.64in)	100mm (3.94in)

\* Performance data: hcc-line, clear glass 10°, 700mA, 3000K

High Power

# SEN Louvre CC 033 (350mA) Length Availability List

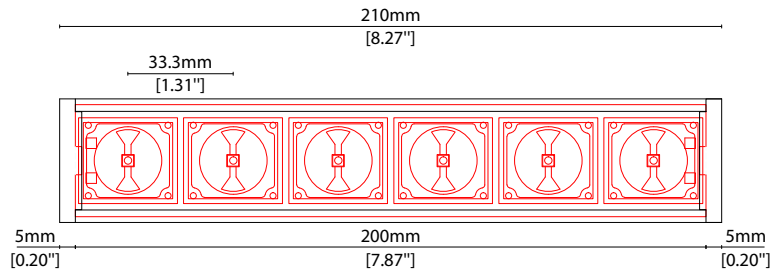


Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension <sup>3</sup>		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0210	i0008	210mm	8.27in	200mm	7.87in	10mm	0.39in	6.40	391	234-407
m0310	i0012	310mm	12.20in	300mm	11.81in	10mm	0.39in	9.60	587	351-610
m0410	i0016	410mm	16.14in	400mm	15.75in	10mm	0.39in	12.80	782	468-813
m0510	i0020	510mm	20.08in	500mm	19.69in	10mm	0.39in	16.00	978	585-1017
m0610	i0024	610mm	24.02in	600mm	23.62in	10mm	0.39in	19.20	1173	702-1220
m0710	i0028	710mm	27.95in	700mm	27.56in	10mm	0.39in	22.40	1369	819-1423
m0810	i0032	810mm	31.89in	800mm	31.50in	10mm	0.39in	25.60	1564	936-1627
m0910	i0036	910mm	35.83in	900mm	35.43in	10mm	0.39in	28.80	1760	1053-1830
m1010	i0040	1010mm	39.76in	1000mm	39.37in	10mm	0.39in	32.00	1955	1170-2033
m1110	i0044	1110mm	43.70in	1100mm	43.31in	10mm	0.39in	35.20	2151	1287-2237
m1210	i0048	1210mm	47.64in	1200mm	47.24in	10mm	0.39in	38.40	2346	1404-2440

<sup>1</sup> Actual total overall length of light fixture (LED strip + end caps + void/wire hole)

<sup>2</sup> Actual length of PCB strip

<sup>3</sup> Actual length of 2x end caps



High Power

# SEN Louvre CC 033 (700mA) Length Availability List

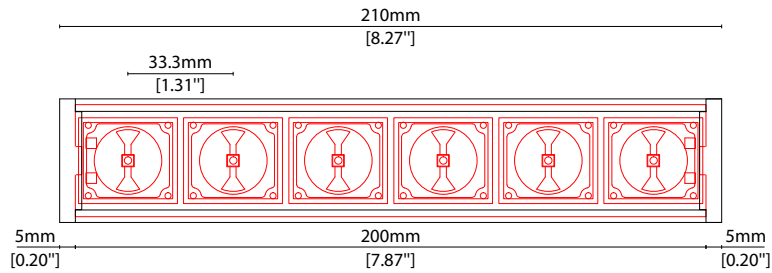


Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension <sup>3</sup>		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0210	i0008	210mm	8.27in	200mm	7.87in	10mm	0.39in	13.86	614	367-639
m0310	i0012	310mm	12.20in	300mm	11.81in	10mm	0.39in	20.79	921	551-958
m0410	i0016	410mm	16.14in	400mm	15.75in	10mm	0.39in	27.72	1228	734-1277
m0510	i0020	510mm	20.08in	500mm	19.69in	10mm	0.39in	34.65	1535	918-1596
m0610	i0024	610mm	24.02in	600mm	23.62in	10mm	0.39in	41.58	1842	1101-1916
m0710	i0028	710mm	27.95in	700mm	27.56in	10mm	0.39in	48.51	2149	1285-2235
m0810	i0032	810mm	31.89in	800mm	31.50in	10mm	0.39in	55.44	2456	1468-2554
m0910	i0036	910mm	35.83in	900mm	35.43in	10mm	0.39in	62.37	2763	1652-2874
m1010	i0040	1010mm	39.76in	1000mm	39.37in	10mm	0.39in	69.30	3070	1835-3193
m1110	i0044	1110mm	43.70in	1100mm	43.31in	10mm	0.39in	76.23	3377	2019-3512
m1210	i0048	1210mm	47.64in	1200mm	47.24in	10mm	0.39in	83.16	3684	2202-3831

<sup>1</sup> Actual total overall length of light fixture (LED strip + end caps + void/wire hole)

<sup>2</sup> Actual length of PCB strip

<sup>3</sup> Actual length of 2x end caps





# SEN Louvre CC 033 Options

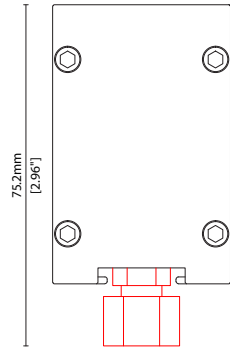


## CABLE EXIT OPTIONS

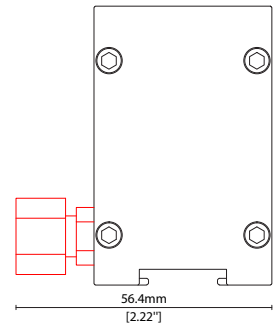
\* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



RC Rear cable exit

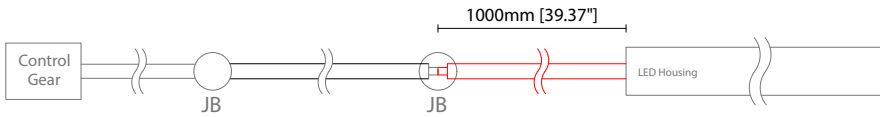


SC Side cable exit

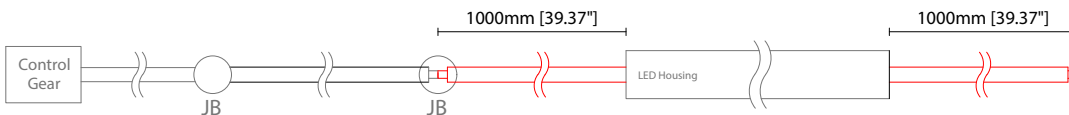


### POWER FEED OPTIONS

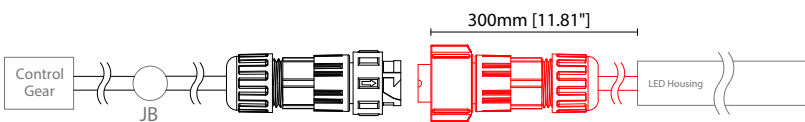
1000 S00B 1000mm (39.37") Single  $\varnothing$ 6.3mm sheath tail



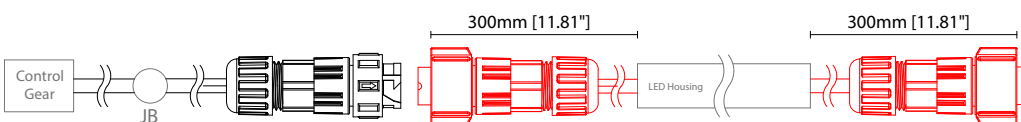
1000 D00B 1000mm (39.37") Double  $\varnothing$ 6.3mm sheath tail



0300 S67B 300mm (11.81") Single  $\varnothing$ 6.3mm sheath IP67 connector

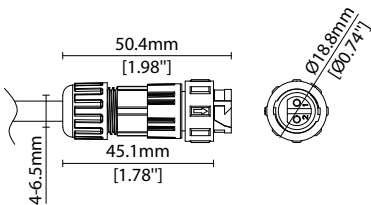


0300 D67B 300mm (11.81") Double  $\varnothing$ 6.3mm sheath IP67 connector

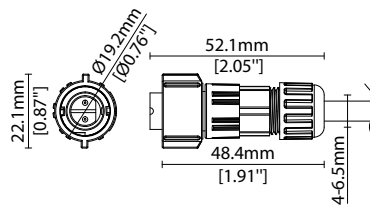


### IP67 2 Pin Connector

Female connector  
2 PIN (IP67)



Male connector  
2 PIN (IP67)



### Key

- Control Gear Power supply, sub-controllers & control systems
- JB Junction box / cable connection

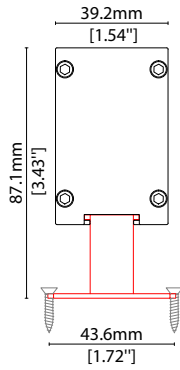
### MOUNTING ACCESSORIES

Note: Accessories are to be ordered separately with corresponding code shown below.



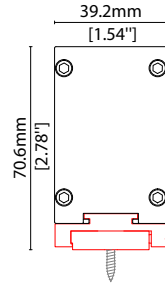
**KKBK-02**

Fixed bracket (allow 2 per metre/40in)  
Steel finish  
Pre-assembled for double tail



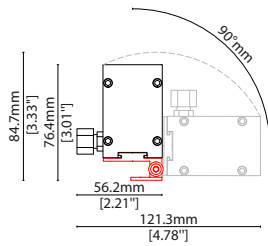
**KKBK-09**

Mounting plate (allow 2 per metre/40in – factory fitted)  
Silver anodised aluminium finish  
Pre-assembled for double tail



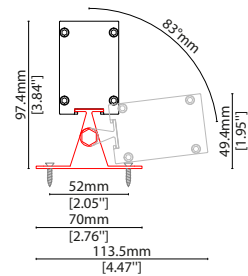
**KKBK-23**

Low adjustable bracket (allow 2 per metre/40in)  
Silver anodised aluminium finish  
Pre-assembled for double tail



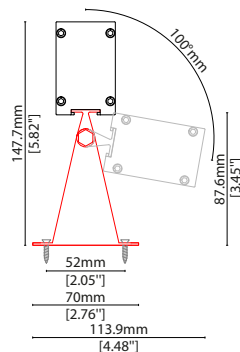
**KKBK-16**

Small adjustable bracket (allow 2 per metre/40in)  
Silver anodised aluminium finish  
Pre-assembled for double tail



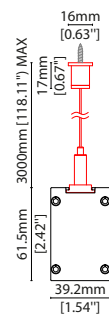
**KKBK-17**

Large adjustable bracket (allow 2 per metre/40in)  
Silver anodised aluminium finish  
Pre-assembled for double tail



**KKSU-05**

Quick release suspension wire kit







# SEN Louvre CC 033 Accessories



## EXTERIOR JUNCTION BOXES

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KKJB-07

IP67 Slim J-Box  
(including type A,B,C,D bushings)



KKJB-07R

Potting resin for IP67 Slim J-Box



# SEN Louvre

## Driver/PSU Options



### AVAILABLE PSU OPTIONS

Control Mode	PSU (Order Code)	Input Voltage AC	Output Voltage DC	Rated Output Current	Rated Power	Dim %	IP Rating
Switched	HLG-60H-C350A	90-305V	100V-200V	0.35A	70W	-	IP65
	HLG-60H-C700A	90-305V	50V-100V	0.7A	70W	-	IP65
	HLG-80H-C350A	90-305V	128V-257V	0.35A	90W	-	IP65
	HLG-80H-C700A	90-305V	64V-129V	0.7A	90W	-	IP65
	HLG-120H-C350A	90-305V	215-430V	0.35A	150W	-	IP65
	HLG-120H-C700A	90-305V	107V-215V	0.7A	150W	-	IP65
	HLG-185H-C700A	90-305V	143V-286V	0.7A	199W	-	IP65
0-10V (1-10V)	HLG-60H-C350B	90-305V	100V-200V	0.35A	70W	-	IP67
	HLG-60H-C700B	90-305V	50V-100V	0.7A	70W	-	IP67
	HLG-80H-C350B	90-305V	128V-257V	0.35A	90W	-	IP67
	HLG-80H-C700B	90-305V	64V-129V	0.7A	90W	-	IP67
	HLG-120H-C350B	90-305V	215-430V	0.35A	150W	-	IP67
	HLG-120H-C700B	90-305V	107V-215V	0.7A	150W	-	IP67
	HLG-185H-C700B	90-305V	143V-286V	0.7A	199W	-	IP67
DMX	POWERdrive 1060/A	120 - 277V	2V-57V	0.35A, 0.7A	100W	-	-
	POWERdrive 106/M	120 - 277V	2V-57V	0.35A, 0.7A	100W	-	-
	POWERdrive 106/S	120 - 277V	2V-57V	0.35A, 0.7A	100W	-	-
	POWERdrive 1061/M	120 - 277V	2V-57V	0.35A, 0.7A	100W	-	-
	POWERdrive 1061/S	120 - 277V	2V-57V	0.35A, 0.7A	100W	-	-
DALI	ELG-100-C350DA	180-295V	143-286V	0.35A	100W	-	IP67
	ELG-100-C700DA	180-295V	71-143V	0.7A	100W	-	IP67
	ELG-150-C700DA	180-295V	150-300V	0.7A	150W	-	IP67